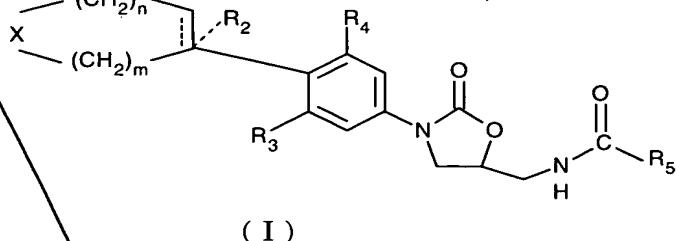


We claim:

1. A compound of Formula I:

5



10 or pharmaceutical acceptable salts thereof wherein:

X is NR₁;

R₁ is

- a) H,
- b) C₁₋₆ alkyl, optionally substituted with one or more OH, CN, or halo,
- 15 c) -(CH₂)_h-aryl,
- d) -COR₁₋₁,
- e) -COOR₁₋₂,
- f) -CO-(CH₂)_h-COR₁₋₁,
- 20 g) -SO₂-C₁₋₆ alkyl,
- h) -SO₂-(CH₂)_h-aryl, or
- i) -(CO)_i-Het;

R₁₋₁ is

- a) H,
- b) C₁₋₆ alkyl, optionally substituted with one or more OH, CN, or halo,
- 25 c) -(CH₂)_h-aryl, or
- d) -(CH₂)_h-OR₁₋₃;

R₁₋₂ is

- a) C₁₋₆ alkyl, optionally substituted with one or more OH, CN, or halo,
- b) -(CH₂)_h-aryl, or
- 30 c) -(CH₂)_h-OR₁₋₃;

R₁₋₃ is

- a) H,
- b) C₁₋₆ alkyl,
- c) -(CH₂)_h-aryl, or
- 35 d) -CO(C₁₋₆ alkyl);

R₂ is

*Claim
cont*

- a) H,
- b) C₁₋₆ alkyl,
- c) -(CH₂)_h-aryl, or
- d) halo;

5 R₃ and R₄ are independently

- a) H, or
- b) halo;

R₅ is

- a) H,
- b) C₁₋₁₂ alkyl, optionally substituted with one or more halo,
- c) C₃₋₁₂ cycloalkyl,
- d) C₁₋₆ alkoxy;

Het is 5- to 10-membered heterocyclic rings having one or more oxygen, nitrogen, and sulfur atoms;

15 the dotted line ----- in the ring system of Formula I is a single or a double bound;

h is 1, 2, 3, or 4;

i is 0 or 1;

m is 0, 1, 2, 3, 4, or 5;

n is 0, 1, 2, 3, 4, or 5;

20 and with the following provisos

- a) m and n taken together are 3, 4, or 5;
- b) where the dotted line ----- is a double bound, R₂ is not present in

Foumula I.

25 2. A compound of Claim 1 wherein R₁ is selected from the group consisting of H, fluoroethyl, cyanomethyl, methyl sulfonyl, formyl, hydroxyacetyl, acetyl, methoxyacetyl, benzyloxyacetyl, acetoxyacetyl, dichloroacetyl, methoxy carbonyl, tert-butoxy carbonyl, benzyloxy carbonyl, 3-hydroxypropionyl, 3-methoxypropionyl, 4-oxopentanoyl, 2-indole carbonyl, 5-isoxazole carbonyl, 5-nitro-2-thiazoyl, 4-oxo-2-thiazolinyl, and 5-methyl-1,3,4-thiadiazol-2-yl.

3. A compound of Claim 1 wherein R₂ is H, F, or CH₃.

4. A compound of Claim 1 wherein R₃ and R₄ are independently H or F.

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5. A compound of Claim 1 wherein R₅ is methyl, ethyl, cyclopropyl, or methyl

substituted with one to two F or Cl.

check E!

6. A compound of Claim 1 wherein m and n taken together are 3.

5 7. A compound of Claim 1 wherein m and n taken together are 4.

8. A compound of Claim 1 which is an optically pure enantiomer having the S-configuration at C5 of the oxazolidinone ring.

10 9. A compound selected from the group consisting of:

- (S)-(-)-4-[5-[(Acetylamino)methyl]-2-oxo-3-oxazolidinyl]phenyl]-3,6-dihydro-1(2H)-pyridinecarboxylic acid phenylmethyl ester;
- (S)-(-)-N-[[2-Oxo-3-[4-(4-piperidinyl)phenyl]-5-oxazolidinyl]methyl]acetamide;
- (S)-(-)-N-[[3-[4-[1-[(Benzyl)oxy]acetyl]-4-piperidinyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;
- (S)-(-)-N-[[3-[4-[1-(Hydroxyacetyl)-4-piperidinyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;
- (S)-(-)-N-[[3-[4-[1-[(Benzyl)oxy]acetyl]-4-piperidinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;
- (S)-(-)-N-[[3-[4-[1-(Hydroxyacetyl)-4-piperidinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;
- (S)-(-)-N-[[3-[4-[1-[(Benzyl)oxy]acetyl]-4-piperidinyl]-3,5-difluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;
- (S)-(-)-N-[[3-[4-[1-(Hydroxyacetyl)-4-piperidinyl]-3,5-difluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;
- (S)-(-)-N-[[3-[4-[1-(Indole-2-carbonyl)-4-piperidinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;
- (S)-(-)-N-[[3-[4-[1-(Isoxazole-5-carbonyl)-4-piperidinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;
- (S)-(-)-N-[[3-[4-[1-(Methylsulfonyl)-4-piperidinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;
- (S)-(-)-4-[4-[5-[(Acetylamino)methyl]-2-oxo-3-oxazolidinyl]-2-fluorophenyl]-1-piperidinecarboxylic acid methyl ester;
- (S)-(-)-N-[[3-[4-[1-(Cyanomethyl)-4-piperidinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;
- (S)-(-)-N-[[3-[4-[1-(2-Fluoroethyl)-4-piperidinyl]-3-fluorophenyl]-2-oxo-5-

oxazolidinyl]methyl]acetamide;

o). (S)-(-)-N-[[3-[4-[1-(Formyl)-4-piperidinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

p). (S)-(-)-4-[4-[5-[(2,2-Dichloroacetyl)amino]methyl]-2-oxo-3-oxazolidinyl]-2-fluorophenyl]-1-piperidinecarboxylic acid 1,1-dimethylethyl ester;

5 q). (S)-(-)-2,2-Dichloro-N-[[2-oxo-3-[3-fluoro-4-(4-piperidinyl)phenyl]-5-oxazolidinyl]methyl]acetamide;

r). (S)-(-)-2,2-Dichloro-N-[[2-oxo-3-[3-fluoro-4-[1-[(acetoxy)acetyl]-4-piperidinyl]phenyl]-5-oxazolidinyl]methyl]acetamide;

10 s). (S)-(-)-2,2-Dichloro-N-[[2-oxo-3-[3-fluoro-4-[1-(hydroxyacetyl)-4-piperidinyl]phenyl]-5-oxazolidinyl]methyl]acetamide;

t). (S)-(-)-N-[[2-Oxo-3-[3-fluoro-4-[1-[(acetoxy)acetyl]-4-piperidinyl]phenyl]-5-oxazolidinyl]methyl]acetamide;

15 u). (S)-(-)-N-[[3-[4-[1-(4-Oxo-2-thiazolinyl)-4-piperidinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

v). (S)-(-)-N-[[3-[4-[1-(4-Oxo-2-thiazolinyl)-3,6-dihydro-2H-pyridin-5-yl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

w). (S)-(-)-N-[[3-[4-[1-(5-Methyl-1,3,4-thiadiazol-2-yl)-4-piperidinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

20 x). (S)-(-)-N-[[3-[4-[1-(5-Methyl-1,3,4-thiadiazol-2-yl)-3,6-dihydro-2H-pyridin-4-yl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

y). (S)-(-)-N-[[2-Oxo-3-[4-(3,6-dihydro-2H-pyridin-4-yl)-3-fluorophenyl]-5-oxazolidinyl]methyl]acetamide;

25 z). (S)-(-)-N-[[2-Oxo-3-[3-fluoro-4-[1-[(acetoxy)acetyl]-3,6-dihydro-2H-pyridin-4-yl]phenyl]-5-oxazolidinyl]methyl]acetamide;

aa). (S)-(-)-N-[[3-[4-[1-(Hydroxyacetyl)-3,6-dihydro-2H-pyridin-4-yl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

bb). (S)-(-)-N-[[3-[4-[1-(Formyl)-3,6-dihydro-2H-pyridin-4-yl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

30 cc). (S)-(-)-4-[4-[5-[(Acetylamino)methyl]-2-oxo-3-oxazolidinyl]-2-fluorophenyl]-3,6-dihydro-1(2H)-pyridinecarboxylic acid methyl ester;

dd). (S)-(-)-N-[[2-Oxo-3-[4-(3,6-dihydro-2H-pyridin-4-yl)phenyl]-5-oxazolidinyl]methyl]acetamide;

ee). (S)-(-)-N-[[2-Oxo-3-[4-[1-[(acetoxy)acetyl]-3,6-dihydro-2H-pyridin-4-yl]phenyl]-5-oxazolidinyl]methyl]acetamide;

35 ff). (S)-(-)-N-[[3-[4-[1-(Hydroxyacetyl)-3,6-dihydro-2H-pyridin-4-yl]phenyl]-2-oxo-5-

oxazolidinyl]methyl]acetamide;

gg). (S)-(-)-N-[[3-[4-[1-(Formyl)-3,6-dihydro-2H-pyridin-4-yl]phenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

hh). (S)-(-)-4-[4-[5-[(Acetylamino)methyl]-2-oxo-3-oxazolidinyl]phenyl]-3,6-dihydro-1(2H)-pyridinecarboxylic acid methyl ester;

5 ii). (S)-N-[[2-Oxo-3-[3-fluoro-4-[1-[(acetoxy)acetyl]-5,6-dihydro-2H-pyridin-3-yl]phenyl]-5-oxazolidinyl]methyl]acetamide;

jj). (S)-N-[[3-[4-[1-(Hydroxyacetyl)-5,6-dihydro-2H-pyridin-3-yl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

10 kk). (S)-N-[[2-Oxo-3-[3-fluoro-4-[1-[(acetoxy)acetyl]-2,3,4,7-tetrahydro-1H-azepin-5-yl]phenyl]-5-oxazolidinyl]methyl]acetamide;

ll). (S)-(-)-N-[[3-[4-[1-(Hydroxyacetyl)-2,3,4,7-tetrahydro-1H-azepin-5-yl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

15 mm). (S)-(-)-N-[[2-Oxo-3-[3-fluoro-4-[1-[(acetoxy)acetyl]-2,3,6,7-tetrahydro-1H-azepin-4-yl]phenyl]-5-oxazolidinyl]methyl]acetamide;

nn). (S)-(-)-N-[[3-[4-[1-(Hydroxyacetyl)-2,3,6,7-tetrahydro-1H-azepin-4-yl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

oo). (5S)-(-)-N-[[3-[4-[1-(Hydroxyacetyl)hexahydro-1H-azepin-4-yl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

20 pp). (S)-N-[[2-Oxo-3-[3-fluoro-4-[1-[(acetoxy)acetyl]-3,4-dihydro-2H-pyridin-5-yl]phenyl]-5-oxazolidinyl]methyl]acetamide;

qq). (S)-(-)-N-[[3-[4-[1-(Hydroxyacetyl)-3,4-dihydro-2H-pyridin-5-yl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide; and

25 rr). (S)-(-)-N-[[3-[4-[1-Formyl-4-fluoro-4-piperidinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide.

10. A compound of Claim 9 which is:

a). (S)-(-)-N-[[3-[4-[1-(Hydroxyacetyl)-4-piperidinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

30 b). (S)-(-)-N-[[3-[4-[1-(Formyl)-4-piperidinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

c). (S)-(-)-2,2-Dichloro-N-[[2-oxo-3-[3-fluoro-4-[1-(hydroxyacetyl)-4-piperidinyl]phenyl]-5-oxazolidinyl]methyl]acetamide;

d). (S)-(-)-N-[[2-Oxo-3-[3-fluoro-4-[1-[(acetoxy)acetyl]-3,6-dihydro-2H-pyridin-4-yl]phenyl]-5-oxazolidinyl]methyl]acetamide;

35 e). (S)-(-)-N-[[3-[4-[1-(Hydroxyacetyl)-3,6-dihydro-2H-pyridin-4-yl]-3-fluorophenyl]-

2-oxo-5-oxazolidinyl]methyl]acetamide;

f). (S)-(-)-N-[[3-[4-[1-(Hydroxyacetyl)-2,3,6,7-tetrahydro-1H-azepin-4-yl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide;

g). (S)-(-)-N-[[3-[4-[1-(4-Oxo-2-thiazolinyl)-3,6-dihydro-2H-pyridin-

5 5-yl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide; or

h). (S)-(-)-N-[[3-[4-[1-(5-Methyl-1,3,4-thiadiazol-2-yl)-3,6-dihydro-2H-pyridin-5-yl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide.

11. A method for treating microbial infections in patients comprising:

10 administering to a patient in need thereof an effective amount of a compound of
Formula I as shown in Claim 1.

12. The method of Claim 11 wherein said compound of Formula I is administered orally, parenterally or topically in a pharmaceutical composition.

15

13. The method of Claim 11 wherein said compound is administered in an amount of from about 0.1 to about 100 mg/kg of body weight/day.

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